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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **Naoki OHASHI et al.**

Group Art Unit: **Not yet assigned**

Serial No.: **10/537,492**

Examiner: **Not yet assigned**

Filed: **June 3, 2005**

Confirmation No.: **Not yet assigned**

For: **ZINC OXIDE RESISTOR AND ITS MANUFACTURING METHOD**

Attorney Docket Number: **052562**

Customer Number: **38834**

**INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 C.F.R. §1.97(b)**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Date: August 4, 2005

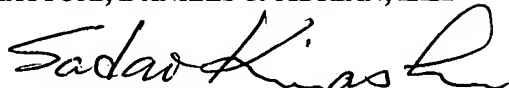
Sir:

In compliance with 37 C.F.R. §1.56, Applicants direct the attention of the Patent and Trademark Office to the documents listed on the attached PTO/SB/08. This paper is being filed within the time periods set forth in 37 C.F.R. §1.97(b). The documents are discussed on pages 3 and 4 of the specification in the present application.

If there are any fees due in connection with the filing of this paper, please charge Deposit Account No. 50-2866.

Respectfully submitted,

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Enclosures: PTO/SB/08  
6 Documents w/ 1 English Abstract



Combined Form PTO/SB/08A&amp;B

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	10/537,492
Confirmation Number	Not yet assigned
Filing Date	June 3, 2005
First Named Inventor	Naoki OHASHI et al.
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	052562

Sheet 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
		US			
		US			
		US			
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		US			
		US			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
	AA	JP	10-270214	A	10/09/1998	TOSHIBA CORP.	Abstract

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
	AB	M. MATSUOKA, <i>Nonohmic Properties of Zinc Oxide Ceramics</i> , Japanese Journal of Applied Physics, Vol. 10, No. 6, June 1971, pp. 736-746.	
	AC	A. TANAKA et al., <i>Evaluation of Single Grain Boundaries in ZnO: Rare-Earth Varistor by Micro-Electrodes</i> , Key Engineering Materials, Vols. 157-158, CSJ Series – Publications of the Ceramic Society of Japan, Vol. 1, 1999, pp. 235-240.	
	AD	U. SCHWING et al., <i>Model experiments describing the microcontact of ZnO varistors</i> , Journal of Applied Physics, 57 (12), June 15, 1985, pp. 5372-5379.	
	AE	N. OHASHI et al., <i>Synthesis of ZnO Bicrystals Doped with Co or Mn and Their Electrical Properties</i> , Japanese Journal of Applied Physics, Vol. 38, Part 1, No. 9A, September 1999, pp. 5028-5032.	
	AF	Y. SATO et al., <i>Current-Voltage Characteristics across [0001] Twist Boundaries in Zinc Oxide Bicrystals</i> , Journal of the American Ceramic Society, 85 (8), August 2002, pp. 2142-2144.	

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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